

February 6, 2006

Docket No. 0074/065001

FIG. 6A

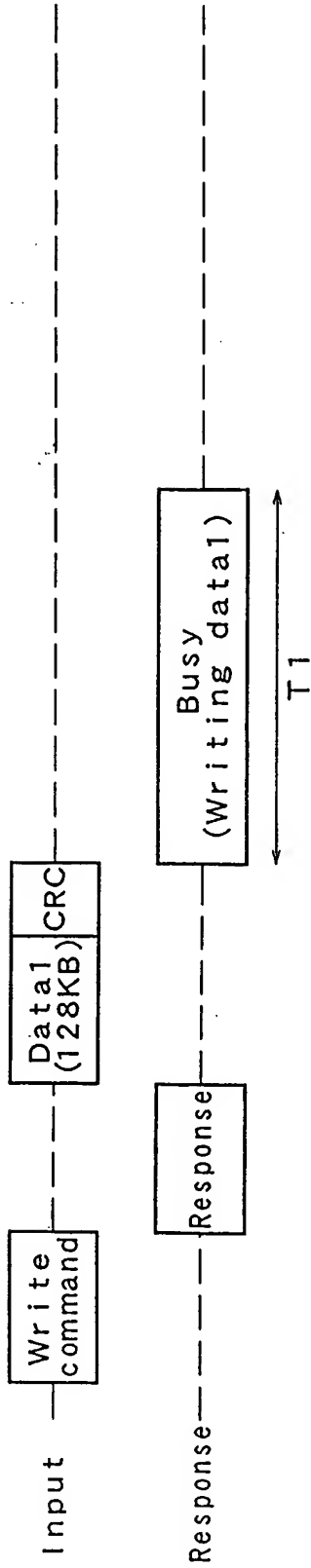


FIG. 6B

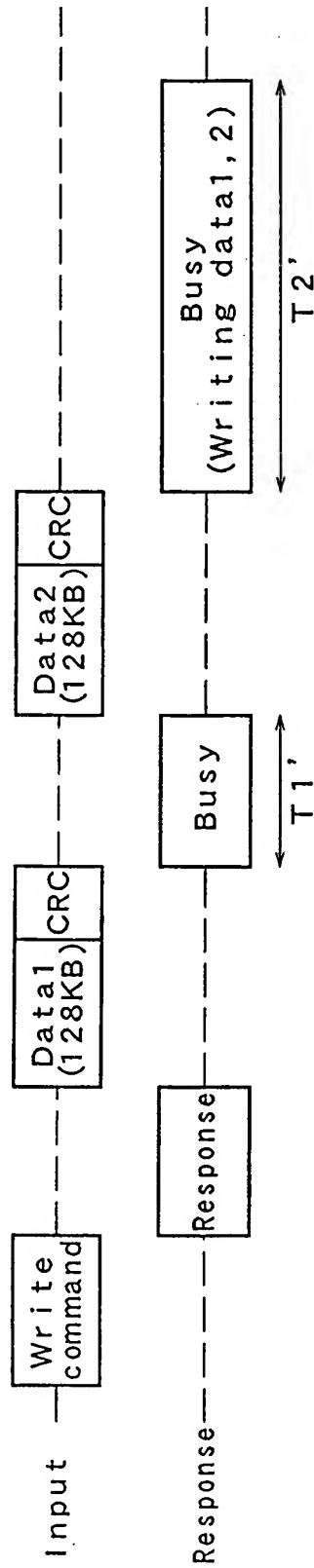


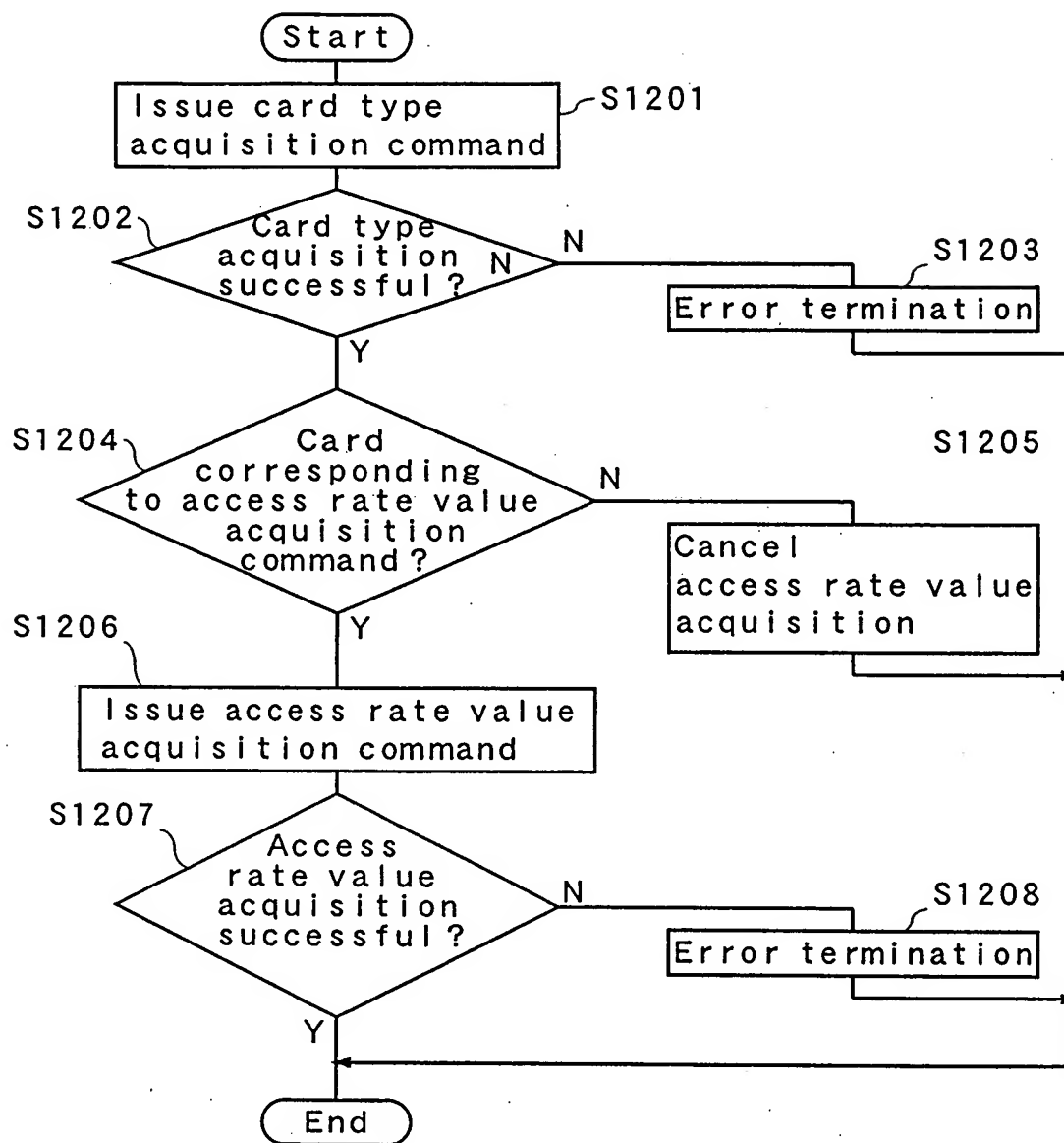
FIG. 11A

Items	Condition values
Process unit size	Multiple length of 128 KB
Process unit boundary	Multiple length of 128 KB
Access method	Sequentially accessing to sequential area having 256 KB over
Input clock frequency	25 MHz over
Bit width	4 bits

FIG. 11B

Transfer rate of reading(standard) = 11 MB/s
Transfer rate of writing(standard) = 10 MB/s
Transfer rate of erasing(standard) = 10.3 MB/s
Transfer rate of reading(worst) = 6 MB/s
Transfer rate of writing(worst) = 5 MB/s
Transfer rate of erasing(worst) = 5.1 MB/s

FIG. 12



February 6, 2006

Docket No. 0074/065001

FIG. 13

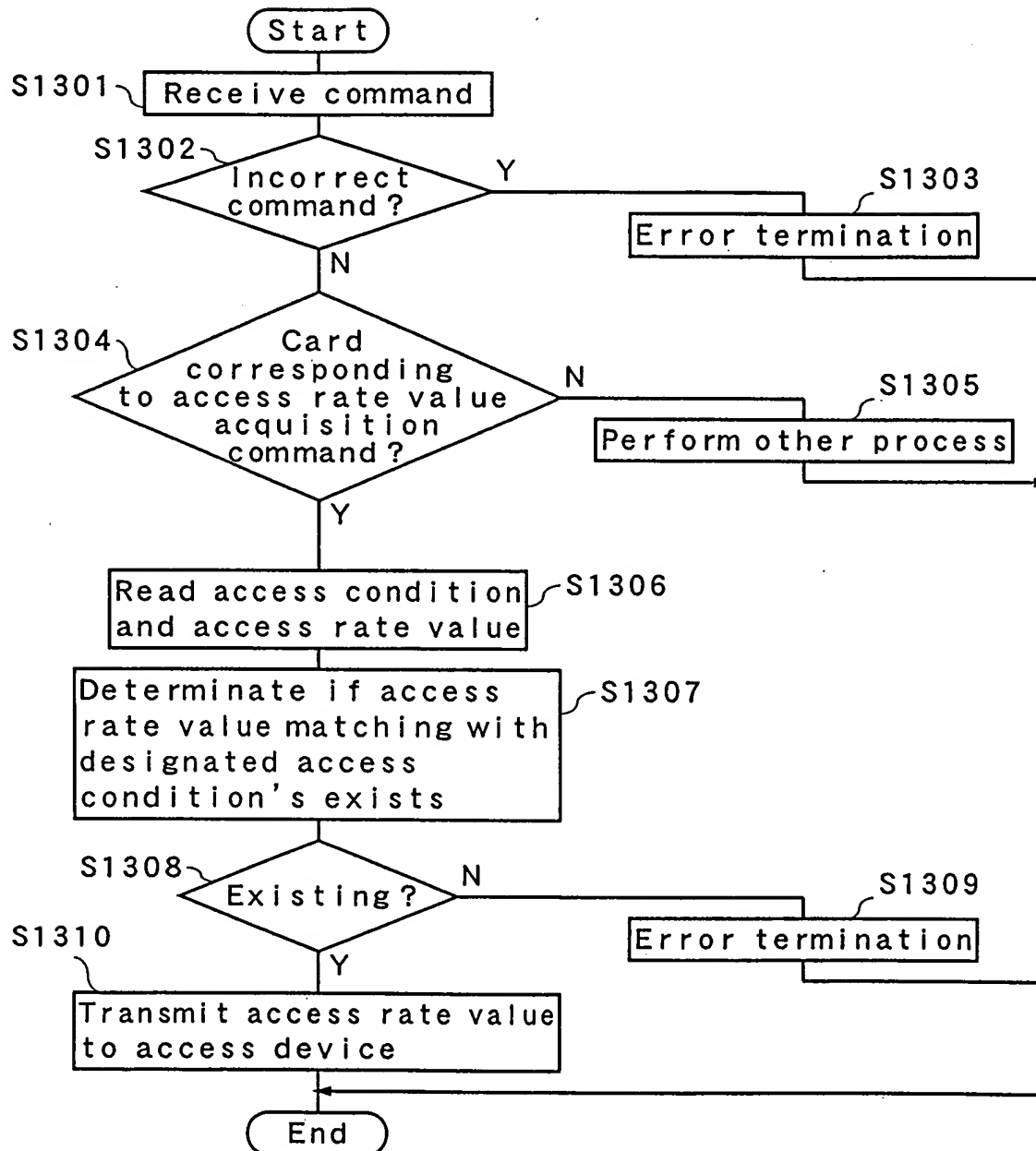


FIG. 15

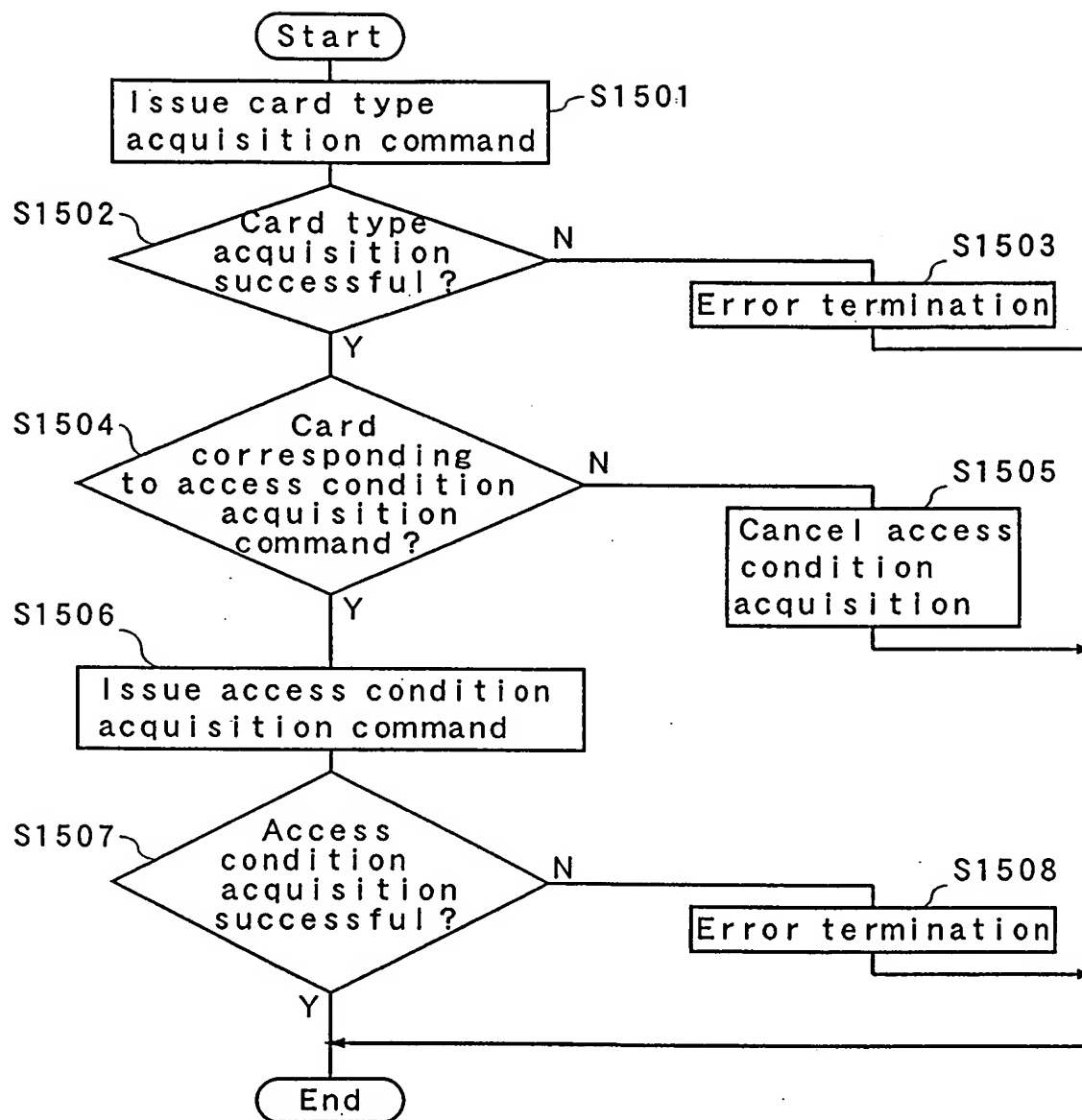


FIG. 16

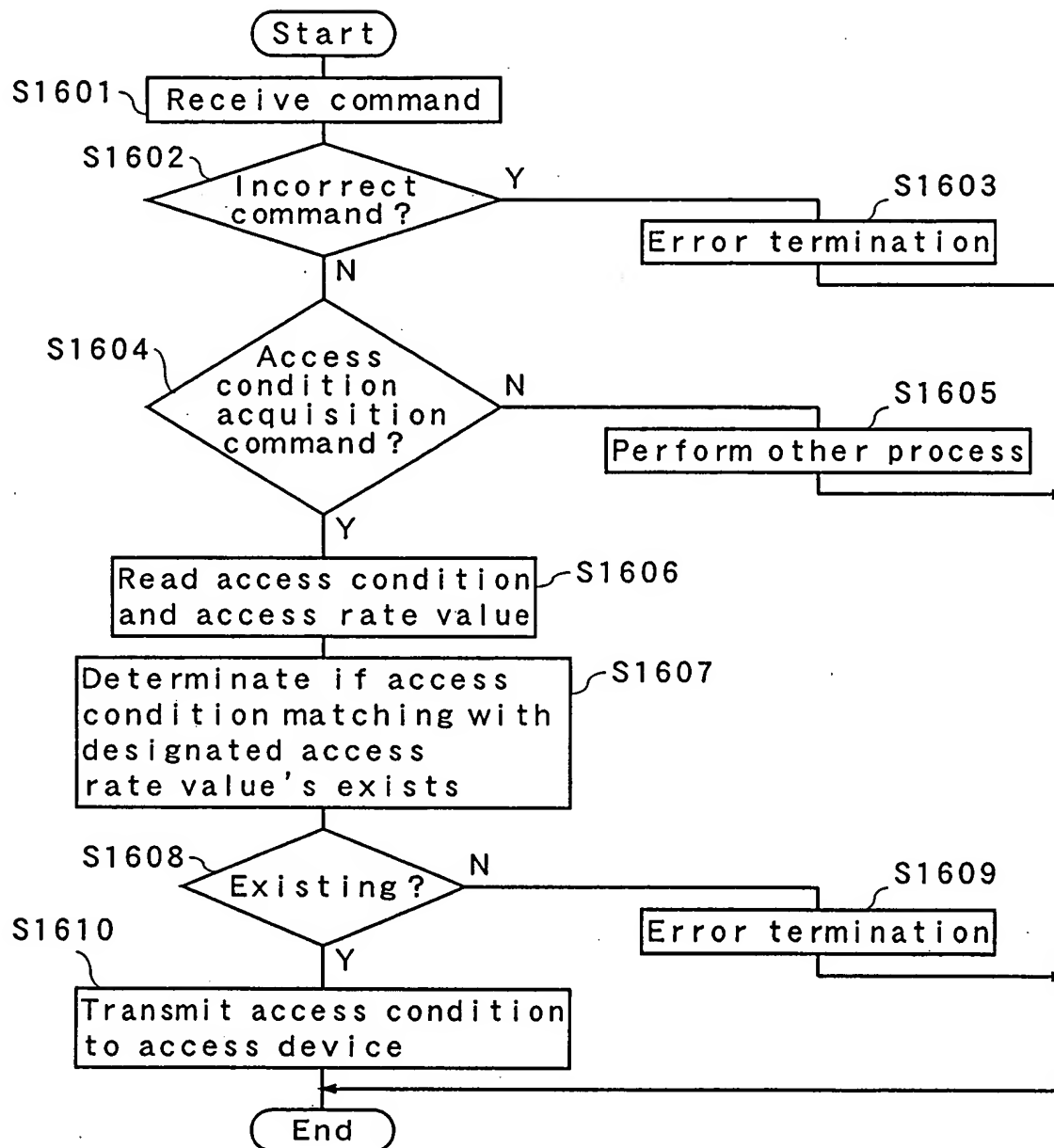


FIG. 19A

		Process contents		
		Reading	Writing	Erasing
Rate performance level	High	Standard trans. rate $\geq 8.0 \text{ MB/s}$	Standard trans. rate $\geq 8.0 \text{ MB/s}$	Standard trans. rate $\geq 8.0 \text{ MB/s}$
	Medium	$4.0 \text{ MB/s} \leq$ Standard trans. rate $< 8.0 \text{ MB/s}$	$4.0 \text{ MB/s} \leq$ Standard trans. rate $< 8.0 \text{ MB/s}$	$4.0 \text{ MB/s} \leq$ Standard trans. rate $< 8.0 \text{ MB/s}$
	Low	Standard trans. rate $< 4.0 \text{ MB/s}$	Standard trans. rate $< 4.0 \text{ MB/s}$	Standard trans. rate $< 4.0 \text{ MB/s}$

FIG. 19B

Transfer rate	Rate performance level
Transfer rate of reading(standard) = 11 MB/s	High
Transfer rate of writing(standard) = 10 MB/s	High
Transfer rate of erasing(standard) = 10.3 MB/s	High
Transfer rate of reading(worst) = 6 MB/s	High
Transfer rate of writing(worst) = 5 MB/s	High
Transfer rate of erasing(worst) = 5.1 MB/s	High

FIG. 23A

Process contents		
Reading	Writing	Erasing
Table 1-A	Table 1-B	Table 1-C

APBIL

FIG. 23B

	Standard value		Worst value	
	SA	RA	SA	RA
Process unit size	512 Bytes	17 ms	25 ms	51 ms
	16 KB	43 μ s	690 μ s	1.6 ms
	128 KB	9.2 μ s	22 μ s	86 μ s
	256 KB	9.2 μ s	22 μ s	86 μ s
	1 MB	9.2 μ s	22 μ s	86 μ s

FIG. 24A

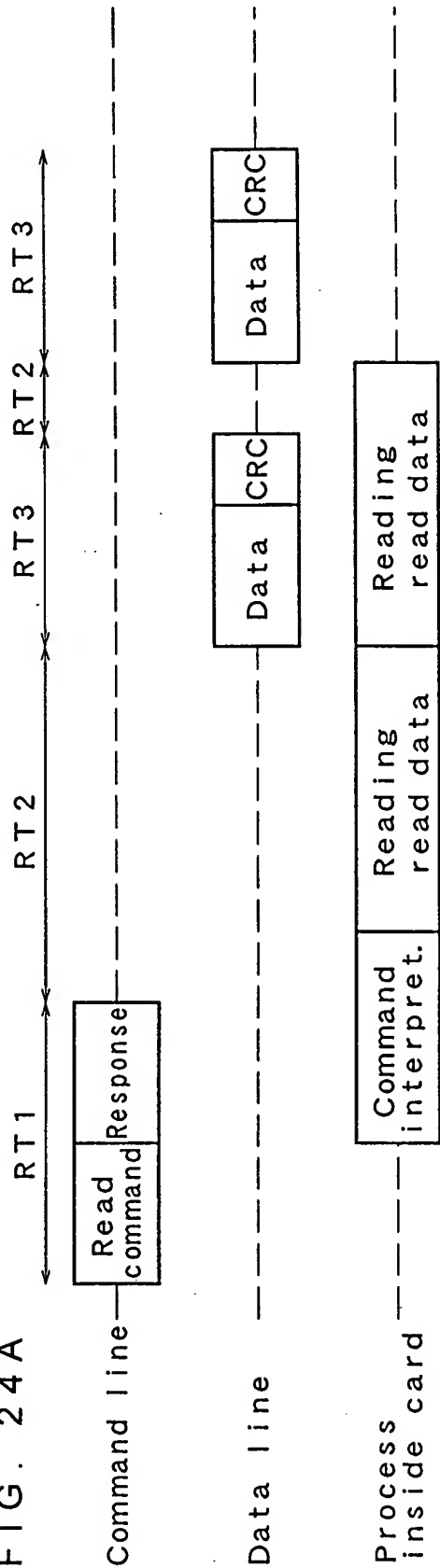


FIG. 24B

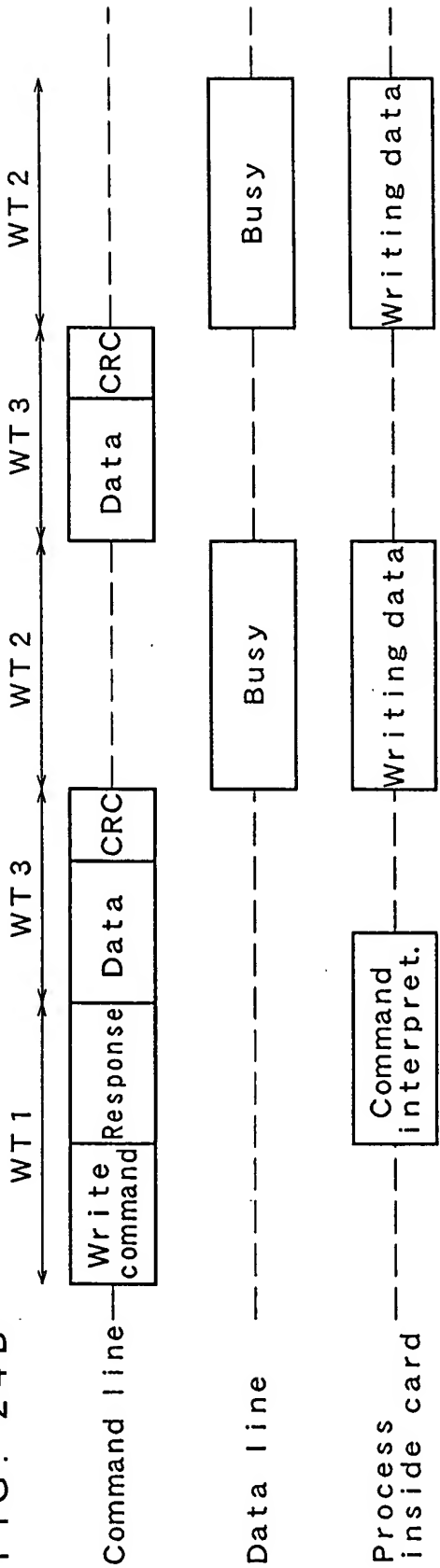


FIG. 26A

	Process contents		
	Reading	Writing	Erasing
	Table 1-A	Table 1-B	Table 1-C
	Table 2-A	Table 2-B	Table 2-C
Input clock	12.5 MHz	Table 3-A	Table 3-C
	25 MHz	Table 3-B	
	50 MHz		

FIG. 26B

	Standard value			Worst value	
		SA	RA	SA	RA
Process unit size	512 Bytes	0.03 MB/s	0.02 MB/s	0.02 MB/s	0.01 MB/s
	16 KB	6 MB/s	0.7 MB/s	3 MB/s	0.3 MB/s
	128 KB	10 MB/s	8 MB/s	5 MB/s	4 MB/s
	256 KB	10 MB/s	8 MB/s	5 MB/s	4 MB/s
	1 MB	10 MB/s	8 MB/s	5 MB/s	4 MB/s

FIG. 27A

	Process contents		
	Reading	Writing	Erasing
Input clock	12.5 MHz Table 1-A	Table 1-B	Table 1-C
	25 MHz Table 2-A	Table 2-B	Table 2-C
	50 MHz Table 3-A	Table 3-B	Table 3-C

FIG. 27B

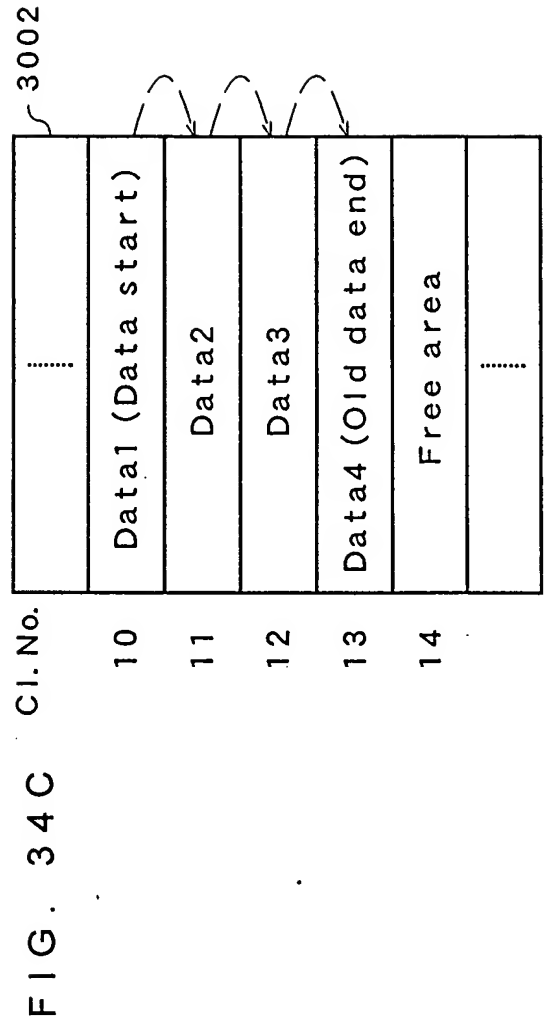
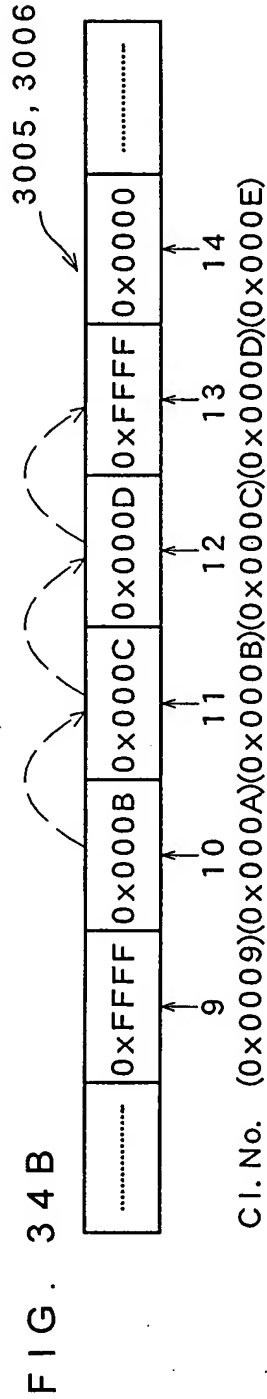
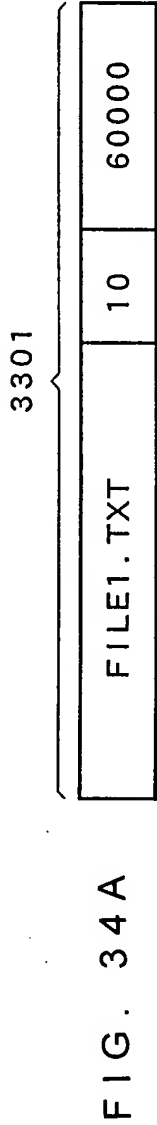
	Standard value		Worst value	
	SA	RA	SA	RA
Process unit size	512 Bytes	17 ms	26 ms	51 ms
	16 KB	3 ms	23 ms	55 ms
	128 KB	13 ms	16 ms	33 ms
	256 KB	26 ms	33 ms	66 ms
	1 MB	105 ms	131 ms	262 ms

FIG. 28A

	Process contents		
	Reading	Writing	Erasing
	Table 1-A	Table 1-B	Table 1-C
	Table 2-A	Table 2-B	Table 2-C
Input clock	Table 3-A	Table 3-B	Table 3-C
12.5 MHz			
25 MHz			
50 MHz			

FIG. 28B

		Standard value		Worst value	
		SA		RA	
		SA		RA	
		SA		RA	
Process unit size	512 Bytes	0.03 MB/s	0.02 MB/s	0.02 MB/s	0.01 MB/s
	16 KB	6 MB/s	0.7 MB/s	3 MB/s	0.3 MB/s
	128 KB	10 MB/s	8 MB/s	5 MB/s	4 MB/s
	256 KB	10 MB/s	8 MB/s	5 MB/s	4 MB/s
	1 MB	10 MB/s	8 MB/s	5 MB/s	4 MB/s



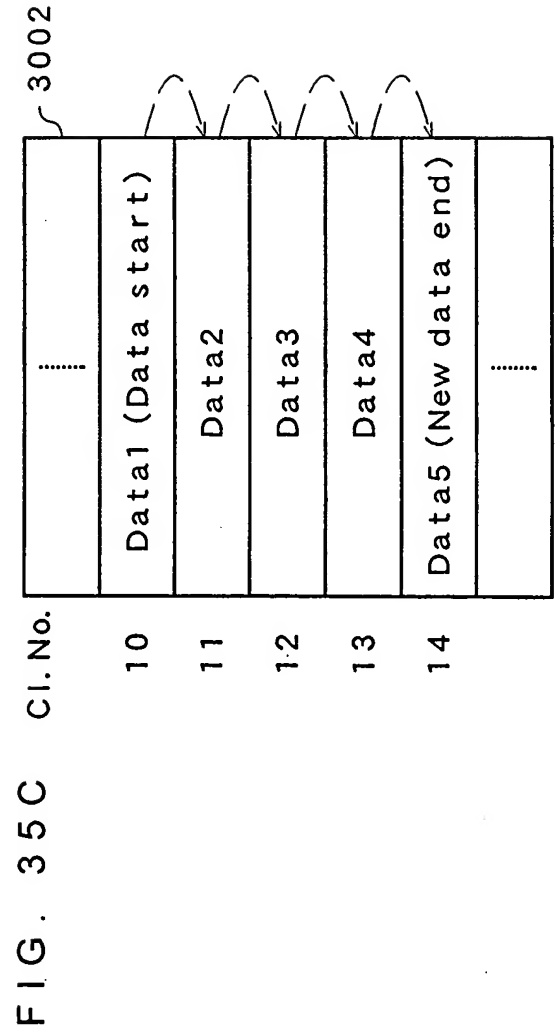
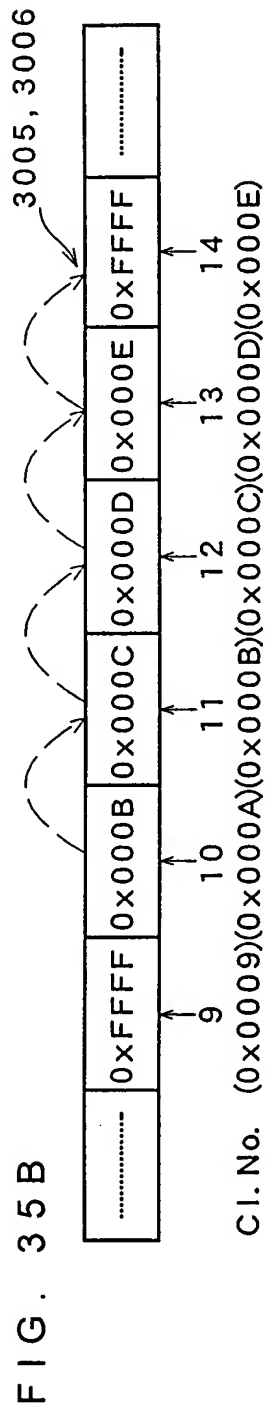
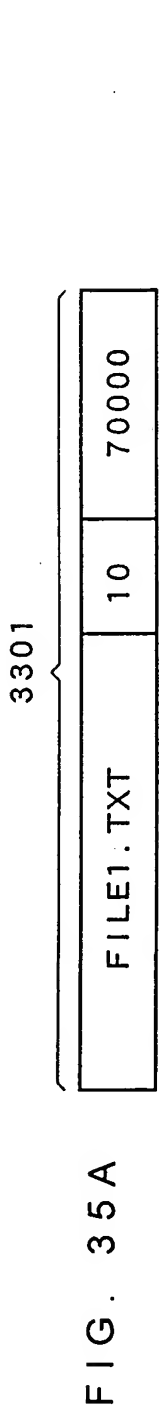


FIG. 37

